


Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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09682040.071201

EFS ID: 11867  
Application ID: 09682040  
Title of Invention: SYSTEM AND METHOD FOR  
QUERY REFINEMENT TO ENABLE  
IMPROVED SEARCHING BASED ON  
IDENTIFYING AND UTILIZING  
POPULAR CONCEPTS RELATED TO  
USERS' QUERIES  
First Named Inventor: Raman Chandrasekar  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-07-12  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 1018.134US1  
Digital Certificate Holder: cn=Michael Andrew Dryja, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: Z8BJSRtJOoBBG/PKUb2fSA==  
Total Fees Authorized: \$1144.0  
Payment Category: CC - Credit Card  
Credit Card Number: \*\*\*\*\*1000  
Expiration Date: 02282003  
Card Holder Name: Michael Dryja  
RAM User ID: EFSPROD  
RAM Accounting Date: 2001-07-13  
RAM Sequence Number: 312809



RAM Payment Status:  
Postal Code:

RAM success  
98074

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# TRANSMITTAL FORM

1c930 U.S. PRO  
09/682040  
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Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 1018.134US1

## SYSTEM AND METHOD FOR QUERY REFINEMENT TO ENABLE IMPROVED SEARCHING BASED ON IDENTIFYING AND UTILIZING POPULAR CONCEPTS RELATED TO USERS' QUERIES

First Named Inventor: Mr. Raman Chandrasekar

### SUBMITTED BY

Name:	Michael Dryja
Registration Number:	39662
Electronic Signature Mark: Michael Dryja	Date Signed: 20010712

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### Attached Files:

bibd-transmittal

efsapds.xml

fee-transmittal  
patent-assignment  
specification  
declaration  
declaration

efsfee.xml  
efsasgn.xml  
134 spec.xml  
D 1 of 2.tif  
D 2 of 2.tif

**Attached Image File(s):**

D 1 of 2.tif  
D 2 of 2.tif

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Comments:

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# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1144**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1000  
Expiration Date: 20030228  
Authorized Name: Michael Dryja  
Billing Address: 98074

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 33	103	\$ 18	13	\$ 234
Independent Claims: 5	102	\$ 80	2	\$ 160

Subtotal For Extra Claims Fees: \$ 394

## ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40